0590
08266

OIPE

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/816,790 ENTERED

CRF Processing Date: 10/9/2001
Edited by:
Verified by: (STIC stal

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☑ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid ~~text~~, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#5

RAW SEQUENCE LISTING DATE: 10/09/2001
PATENT APPLICATION: **US/09/816,790** TIME: 14:33:28

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\10092001\I816790.raw**

<110> APPLICANT: Allen, Keith D.
Phillips, Russell
<120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING
SULFOTRANSFERASE GENE DISRUPTIONS
<130> FILE REFERENCE: R-855
<140> CURRENT APPLICATION NUMBER: US 09/816,790
<141> CURRENT FILING DATE: 2001-03-22
<150> PRIOR APPLICATION NUMBER: US 60/191,240
<151> PRIOR FILING DATE: 2000-03-22
<150> PRIOR APPLICATION NUMBER: US 60/204,230
<151> PRIOR FILING DATE: 2000-05-15
<150> PRIOR APPLICATION NUMBER: US 60/223,173
<151> PRIOR FILING DATE: 2000-08-07
<160> NUMBER OF SEQ ID NOS: 21
<170> SOFTWARE: FastSEQ for Windows Version 4.0
<210> SEQ ID NO: 1
<211> LENGTH: 4768
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Phage vector
<400> SEQUENCE: 1
gttaactacg tcaggtggca cttttcgggg aaatgtgcgc ggaacccta tttgtttatt 60
tttctaaata cattcaaata tgtatccgct catgagacaa taaccctgat aaatgcttca 120
ataatattga aaaaggaaga gtatgagtat tcaacatttc cgtgtcgccc ttattccctt 180
ttttgcggca ttttgccttc ctgtttttgc tcacccagaa acgctggtga aagtaaaaga 240
tgctgaagat cagttgggtg cacgagtggg ttacatcgaa ctggatctca acagcggtaa 300
gatccttgag agttttcgcc ccgaagaacg ttctccaatg atgagcactt ttaaagttct 360
gctatgtggc gcggtattat cccgtgttga cgccgggcaa gagcaactcg gtcgccgcat 420
acactattct cagaatgact tggttgagta ctcaccagtc acagaaaagc atcttacgga 480
tggcatgaca gtaagagaat tatgcagtgc tgccataacc atgagtgata acactgcggc 540
caacttactt ctgacaacga tcggaggacc gaaggagcta accgcttttt tgcacaacat 600
gggggatcat gtaactcgcc ttgatcgttg ggaaccggag ctgaatgaag ccataccaaa 660
cgacgagcgt gacaccacga tgcctgtagc aatggcaaca acgttgcgca aactattaac 720
tggcgaacta cttactctag cttcccggca acaattaata gactggatgg aggcggataa 780
agttgcagga ccacttctgc gctcggccct tccggctggc tggtttattg ctgataaatc 840
tggagccggt gagcgtgggt ctcgcggtat cattgcagca ctggggccag atggtaagcc 900
ctcccgtatc gtagttatct acacgacggg gagtcaggca actatggatg aacgaaatag 960
acagatcgct gagataggtg cctcactgat taagcattgg taactgtcag accaagttta 1020
ctcatatata ctttagattg atttaccccg gttgataatc agaaaagccc caaaaacagg 1080
aagattgtat aagcaaatat ttaaattgta aacgttaata ttttgttaaa attcgcgtta 1140
aatttttgtt aaatcagctc atttttaac caataggccg aaatcggcaa aatcccttat 1200
aaatcaaaag aatagcccga gatagggttg agtgttgttc cagtttggaa caagagtcca 1260
ctattaaaga acgtggactc caacgtcaaa gggcgaaaaa ccgtctatca gggcgatggc 1320
ccactacgtg aaccatcacc caaatcaagt tttttggggt cgaggtgccg taaagcacta 1380
aatcggaacc ctaaagggag cccccgattt agagcttgac ggggaaagcg aacgtggcga 1440
gaaaggaagg gaagaaagcg aaaggagcgg gcgctagggc gctggcaagt gtagcggtca 1500

RAW SEQUENCE LISTING DATE: 10/09/2001
PATENT APPLICATION: US/09/816,790 TIME: 14:33:28

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\10092001\I816790.raw

62 cgctgcgcgt aaccaccaca cccgccgcgc ttaatgcgcc gctacagggc gcgtaaaagg 1560
63 atctaggtga agatcctttt tgataatctc atgaccaaaa tcccttaacg tgagttttcg 1620
64 ttccactgag cgtcagaccc cgtagaaaag atcaaaggat cttcttgaga tcctttttt 1680
65 ctgcgcgtaa tctgctgctt gcaaacaaaa aaaccaccgc taccagcggt ggtttgtttg 1740
66 ccggatcaag agctaccaac tctttttccg aaggtaactg gcttcagcag agcgcagata 1800
67 ccaaatactg ttcttctagt gtagccgtag ttaggccacc acttcaagaa ctctgtagca 1860
68 ccgcctacat acctcgctct gctaatcctg ttaccagtgg ctgctgccag tggcgataag 1920
69 tcgtgtctta ccgggttgga ctcaagacga tagttaccgg ataaggcgca gcggtcgggc 1980
70 tgaacggggg gttcgtgcac acagcccagc ttggagcgaa cgacctacac cgaactgaga 2040
71 tacctacagc gtgagctatg agaaagcgcc acgcttcccg aagggagaaa ggcggacagg 2100
72 tatccggtaa gcggcagggt cggaacagga gagcgcacga gggagcttcc agggggaaac 2160
73 gcctggtatc tttatagtcc tgtcgggttt cgccacctct gacttgagcg tcgatttttg 2220
74 tgatgctcgt caggggggcg gagcctatgg aaaaacgcca gcaacgcggc ctttttacgg 2280
75 ttcctggcct tttgctggcc ttttgctcac atgtaatgtg agttagctca ctcattaggc 2340
76 accccaggct ttacacttta tgcttccggc tcgtatgttg tgtggaattg tgagcggata 2400
77 acaatttcac acaggaaaca gctatgacca tgattacgcc aagctacgta atacgactca 2460
78 ctaggcggcc gcgtttaaac aatgtgctcc tctttggctt gcttccgcgg gccaagccag 2520
79 acaagaacca gttgacgtca agcttcccgg gacgcgtgct agcggcgcgc cgaattcctg 2580
80 caggattcga gggcccctgc aggtcaattc taccgggtag gggaggcgct tttcccaagg 2640
81 cagtctggag catgcgcttt agcagccccg ctggcacttg gcgctacaca agtggcctct 2700
82 ggcctcgcac acattccaca tccaccggta gcgccaaccg gctccgttct ttggtggccc 2760
83 cttcgcgcca ccttctactc ctcccctagt caggaagttc ccccccgccc cgcagctcgc 2820
84 gtcgtgcagg acgtgacaaa tggaagtagc acgtctcact agtctcgtgc agatggacag 2880
85 caccgctgag caatggaagc gggtaggcct ttggggcagc ggccaatagc agctttgctc 2940
86 cttcgctttc tgggctcaga ggctgggaag gggtgggtcc gggggcgggc tcaggggcgg 3000
87 gctcaggggc ggggcgggcg cgaaggtcct cccgaggccc ggcattctcg cacgcttcaa 3060
88 aagcgcacgt ctgccgcgct gttctcctct tcctcatctc cgggcctttc gacctgcagc 3120
89 caatatggga tcggccattg aacaagatgg attgcacgca ggttctccgg ccgcttgggt 3180
90 ggagaggcta ttcggctatg actgggcaca acagacaatc ggctgctctg atgccgccgt 3240
91 gttccggctg tcagcgcagg ggcgcccggt tctttttgtc aagaccgacc tgtccggtgc 3300
92 cctgaatgaa ctgcaggacg aggcagcgcg gctatcgtgg ctggccacga cgggcgttcc 3360
93 ttgcgcagct gtgctcgacg ttgtcactga agcgggaagg gactggctgc tattgggcga 3420
94 agtgccgggg caggatctcc tgtcatctca ccttgctcct gccgagaaag tatccatcat 3480
95 ggctgatgca atgcggcggc tgcatacgct tgatccggct acctgcccat tcgaccacca 3540
96 agcgaaacat cgcatcgagc gagcacgtac tcggatggaa gccggtcttg tcgatcagga 3600
97 tgatctggac gaagagcatc aggggctcgc gccagccgaa ctgttcgcca ggctcaaggc 3660
98 gcgcatgccc gacggcgatg atctcgtcgt gacccatggc gatgcctgct tgccgaatat 3720
99 catggtggaa aatggccgct tttctggatt catcgactgt ggccggctgg gtgtggcgga 3780
100 ccgctatcag gacatagcgt tggctacccg tgatattgct gaagagcttg gcggcgaatg 3840
101 ggctgaccgc ttcctcgtgc tttacggtat cgccgctccc gattcgcagc gcatcgcctt 3900
102 ctatcgcctt cttgacgagt tcttctgagg ggatcgatcc gtcctgtaag tctgcagaaa 3960
103 ttgatgatct attaaacaat aaagatgtcc actaaaatgg aagtttttcc tgtcatactt 4020
104 tgttaagaag ggtgagaaca gagtacctac attttgaatg gaaggattgg agctacgggg 4080
105 gtgggggtgg ggtgggatta gataaatgcc tgctctttac tgaaggctct ttactattgc 4140
106 tttatgataa tgtttcatag ttggatatca taatttaaac aagcaaaacc aaattaaggg 4200
107 ccagctcatt cctcccactc atgatctata gatctataga tctctcgtgg gatcattgtt 4260
108 tttctcttga ttcccacttt gtggttctaa gtactgtggt ttccaaatgt gtcagtttca 4320
109 tagcctgaag aacgagatca gcagcctctg ttccacatac acttcattct cagtattgtt 4380
110 ttgccaagtt ctaattccat cagaagctga ctctagatct ggatccggcc agctaggccg 4440

RAW SEQUENCE LISTING DATE: 10/09/2001
PATENT APPLICATION: US/09/816,790 TIME: 14:33:28

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\10092001\I816790.raw

111 tcgacctcga gtgatcaggt accaaggtcc tcgctctgtg tccgttgagc tcgacgacac 4500
112 aggacacgca aattaattaa ggccggcccg taccctctag tcaaggcctt aagtgagtcg 4560
113 tattacggac tggccgtcgt tttacaacgt cgtgactggg aaaaccctgg cgttacccaa 4620
114 cttaatcgcc ttgcagcaca tccccctttc gccagctggc gtaatagcga agaggcccgc 4680
115 accgatcgcc cttcccaaca gttgcgcagc ctgaatggcg aatggcgctt cgcttggtaa 4740
116 taaagcccgc ttcggcgggc tttttttt 4768
118 <210> SEQ ID NO: 2
119 <211> LENGTH: 6355
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Phage vector
126 <400> SEQUENCE: 2
127 gtttaatagt aatcaattac ggggtcatta gttcatagcc catatatgga gttccgcgtt 60
128 acataactta cggtaaatgg cccgcctggc tgaccgccca acgacccccg cccattgacg 120
129 tcaataatga cgtatgttcc catagtaacg ccaataggga ctttccaatg acgtcaatgg 180
130 gtggagtatt tacggtaaac tgcccacttg gcagtacatc aagtgtatca tatgccaagt 240
131 acgcccccta ttgacgtcaa tgacggaaaa tggcccgcct ggcattaagc ccagtacatg 300
132 accttatggg actttcctac ttggcagtac atctacgtat tagtcatcgc tattaccatg 360
133 gtgatgcggt tttggcagta catcaatggg cgtggatagc ggtttgactc acggggattt 420
134 ccaagtctcc accccattga cgtcaatggg agtttgtttt ggcaccaaaa tcaacgggac 480
135 tttccaaaat gtcgtaacaa ctccgcccca ttgacgcaaa tgggcggtag gcgtgtacgg 540
136 tgggaggtct atataagcag agctggttta gtgaaccgtc agatccgcta gcgctaccgg 600
137 tcgccaccat ggtgagcaag ggcgaggagc tgttcaccgg ggtggtgccc atcctggtcg 660
138 agctggacgg cgacgtaaac ggccacaagt tcagcgtgtc cggcgagggc gagggcgatg 720
139 ccacctacgg caagctgacc ctgaagttca tctgcaccac cggcaagctg cccgtgccct 780
140 ggcccaccct cgtgaccacc ctgacctacg gcgtgcagtg cttcagccgc taccccgacc 840
141 acatgaagca gcacgacttc ttcaagtccg ccatgcccga aggctacgtc caggagcgca 900
142 ccatcttctt caaggacgac ggcaactaca agacccgcgc cgaggtgaag ttcgagggcg 960
143 acaccctggt gaaccgcatc gagctgaagg gcatcgactt caaggaggac ggcaacatcc 1020
144 tggggcacaa gctggagtac aactacaaca gccacaacgt ctatatcatg gccgacaagc 1080
145 agaagaacgg catcaaggtg aacttcaaga tccgccacaa catcgaggac ggcagcgtgc 1140
146 agctcgccga ccactaccag cagaacaccc ccatcggcga cggccccgtg ctgctgcccg 1200
147 acaaccacta cctgaggacc cagtccgccc tgagcaaaga ccccaacgag aagcgcgatc 1260
148 acatggtcct gctggagttc gtgaccgccg ccgggatcac tctcggcatg gacgagctgt 1320
149 acaagtccgg actcagatcc accggatcta gataactgat cataatcagc cataccacat 1380
150 ttgtagaggt tttacttgct ttaaaaaacc tcccacacct ccccctgaac ctgaaacata 1440
151 aaatgaatgc aattgttgtt gttaacttgt ttattgcagc ttataatggt tacaaataaa 1500
152 gcaatagcat cacaaatttc acaaataaag catttttttc actgcattct agttgtggtt 1560
153 tgtccaaact catcaatgta tcttaacgcg aactacgtca ggtggcactt ttcggggaaa 1620
154 tgtgcgcgga acccctattt gtttatttttt ctaaatacat tcaaatatgt atccgctcat 1680
155 gagacaataa ccctgataaa tgcttcaata atattgaaaa aggaagagta tgagtattca 1740
156 acatttccgt gtcgccctta ttcccttttt tgcggcattt tgccttcctg tttttgctca 1800
157 cccagaaacg ctggtgaaag taaaagatgc tgaagatcag ttgggtgcac gagtgggtta 1860
158 catcgaactg gatctcaaca gcggtaagat ccttgagagt tttcgccccg aagaacgttc 1920
159 tccaatgatg agcactttta aagttctgct atgtggcgcg gtattatccc gtgttgacgc 1980
160 cgggcaagag caactcggtc gccgcataca ctattctcag aatgacttgg ttgagtactc 2040
161 accagtcaca gaaaagcatc ttacggatgg catgacagta agagaattat gcagtgctgc 2100
162 cataaccatg agtgataaca ctgcggccaa cttacttctg acaacgatcg gaggaccgaa 2160

RAW SEQUENCE LISTING DATE: 10/09/2001
PATENT APPLICATION: US/09/816,790 TIME: 14:33:28

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\10092001\I816790.raw

163 ggagctaacc gctttttgc acaacatggg ggatcatgta actcgccttg atcgttggga 2220
164 accggagctg aatgaagcca taccaaacga cgagcgtgac accacgatgc ctgtagcaat 2280
165 ggcaacaacg ttgcgcaaac tattaactgg cgaactactt actctagctt cccggcaaca 2340
166 attaatagac tggatggagg cggataaagt tgcaggacca cttctgcgct cggcccttcc 2400
167 ggctggctgg tttattgctg ataaatctgg agccggtgag cgtgggtctc gcggtatcat 2460
168 tgcagcactg gggccagatg gtaagccctc ccgtatcgta gttatctaca cgacggggag 2520
169 tcaggcaact atggatgaac gaaatagaca gatcgctgag ataggtgcct cactgattaa 2580
170 gcattggtaa ctgtcagacc aagtttactc atatatactt tagattgatt taccccggtt 2640
171 gataatcaga aaagccccaa aaacaggaag attgtataag caaatattta aattgtaaac 2700
172 gttaataatt tgttaaaatt cgcgttaaat ttttgttaaa tcagctcatt ttttaaccaa 2760
173 taggccgaaa tcggcaaaat cccttataaa tcaaaagaat agcccgagat agggttgagt 2820
174 gttgttccag tttggaacaa gagtccacta ttaaagaacg tggactccaa cgtcaaaggg 2880
175 cgaaaaaccg tctatcaggg cgatggccca ctacgtgaac catcacccaa atcaagtttt 2940
176 ttggggtcga ggtgccgtaa agcactaaat cggaacccta aagggagccc ccgatttaga 3000
177 gcttgacggg gaaagcgaac gtggcgagaa aggaagggaa gaaagcgaaa ggagcgggcg 3060
178 ctagggcgct ggcaagtgta gcggtcacgc tgcgcgtaac caccacaccc gccgcgctta 3120
179 atgcgccgct acagggcgcg taaaaggatc taggtgaaga tccttttga taatctcatg 3180
180 accaaaatcc cttaacgtga gttttcgttc cactgagcgt cagaccccgt agaaaagatc 3240
181 aaaggatctt cttgagatcc ttttttctg cgcgtaatct ggtgcttgca aacaaaaaaa 3300
182 ccaccgctac cagcggtggt ttgtttgccg gatcaagagc taccaactct ttttccgaag 3360
183 gtaactggct tcagcagagc gcagatacca aatactgttc ttctagtgta gccgtagtta 3420
184 ggccaccact tcaagaactc tgtagcaccg cctacatacc tcgctctgct aatcctgtta 3480
185 ccagtggctg ctgccagtgg cgataagtcg tgtcttaccg ggttggactc aagacgatag 3540
186 ttaccggata aggcgcagcg gtcgggctga acgggggttt cgtgcacaca gcccagcttg 3600
187 gagcgaacga cctacaccga actgagatac ctacagcgtg agctatgaga aagcgccacg 3660
188 cttcccgaag ggagaaaggc ggacaggtat ccggtaagcg gcagggtcgg aacaggagag 3720
189 cgcacgaggg agcttccagg gggaaacgcc tggtatcttt atagtcctgt cgggtttcgc 3780
190 cacctctgac ttgagcgtcg atttttgtga tgctcgtcag gggggcggag cctatggaaa 3840
191 aacgccagca acgcggcctt tttacggttc ctggcctttt gctggccttt tgctcacatg 3900
192 taatgtgagt tagctcactc attaggcacc ccaggcttta cactttatgc ttccggctcc 3960
193 tatgttgtgt ggaattgtga gcggataaca atttcacaca ggaaacagct atgaccatga 4020
194 ttacgccaag ctacgtaata cgactcacta ggcggccgcg tttaaacaat gtgctcctct 4080
195 ttggcttgct tccgcgggcc aagccagaca agaaccagtt gacgtcaagc ttcccgggac 4140
196 gcgtgctagc ggcgcgccga attcctgcag gattcgaggg cccctgcagg tcaattctac 4200
197 cgggtagggg aggcgctttt cccaaggcag tctggagcat gcgctttagc agccccgctg 4260
198 gcacttggcg ctacacaagt ggcctctggc ctcgcacaca ttccacatcc accggtagcg 4320
199 ccaaccggct ccgttctttg gtggcccctt cgcgccacct tctactcctc ccctagtcag 4380
200 gaagttcccc cccgccccgc agctcgcgtc gtgcaggacg tgacaaatgg aagtagcacg 4440
201 tctcactagt ctcgtgcaga tggacagcac cgctgagcaa tggaagcggg taggcctttg 4500
202 gggcagcggc caatagcagc tttgctcctt cgctttctgg gctcagaggc tgggaagggg 4560
203 tgggtccggg ggcgggctca ggggcgggct caggggcggg gcgggcgcga aggtcctccc 4620
204 gaggcccggc attctcgcac gcttcaaaag cgcacgtctg ccgcgctgtt ctcctcttcc 4680
205 tcatctccgg gcctttcgac ctgcagccaa tatgggatcg gccattgaac aagatggatt 4740
206 gcacgcaggt tctccggccg cttgggtgga gaggctattc ggctatgact gggcacaaca 4800
207 gacaatcggc tgctctgatg ccgccgtgtt ccggctgtca gcgcaggggc gcccggttct 4860
208 ttttgtcaag accgacctgt ccggtgccct gaatgaactg caggacgagg cagcgcggct 4920
209 atcgtggctg gccacgacgg gcgttccttg cgcagctgtg ctcgacgttg tcactgaagc 4980
210 gggaagggac tggctgctat tgggcgaagt gccggggcag gatctcctgt catctcacct 5040
211 tgctcctgcc gagaaagtat ccatcatggc tgatgcaatg cggcggctgc atacgcttga 5100

RAW SEQUENCE LISTING DATE: 10/09/2001
PATENT APPLICATION: US/09/816,790 TIME: 14:33:29

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\10092001\I816790.raw

212 tccggctacc tgcccattcg accaccaagc gaaacatcgc atcgagcgag cacgtactcg 5160
213 gatggaagcc ggtcttgtcg atcaggatga tctggacgaa gagcatcagg ggctcgcgcc 5220
214 agccgaactg ttcgccaggc tcaaggcgcg catgcccgac ggcgatgatc tcgtcgtgac 5280
215 ccatggcgat gcctgcttgc cgaatatcat ggtggaaaat ggccgctttt ctggattcat 5340
216 cgactgtggc cggctgggtg tggcggaccg ctatcaggac atagcgttgg ctacccgtga 5400
217 tattgctgaa gagcttggcg gcgaatgggc tgaccgcttc ctcgtgcttt acggtatcgc 5460
218 cgctcccgat tcgcagcgca tcgccttcta tcgccttctt gacgagttct tctgagggga 5520
219 tcgatccgtc ctgtaagtct gcagaaattg atgatctatt aaacaataaa gatgtccact 5580
220 aaaatggaag tttttcctgt catactttgt taagaagggt gagaacagag tacctacatt 5640
221 ttgaatggaa ggattggagc tacgggggtg ggggtgggat gggattagat aaatgcctgc 5700
222 tctttactga aggctcttta ctattgcttt atgataatgt ttcatagttg gatatcataa 5760
223 tttaaacaag caaaaccaaa ttaagggcca gctcattcct cccactcatg atctatagat 5820
224 ctatagatct ctcgtgggat cattgttttt ctcttgattc ccactttgtg gttctaagta 5880
225 ctgtggtttc caaatgtgtc agtttcatag cctgaagaac gagatcagca gcctctgttc 5940
226 cacatacact tcattctcag tattgttttg ccaagttcta attccatcag aagctgactc 6000
227 tagatctgga tccggccagc taggccgtcg acctcgagtg atcaggtacc aaggtcctcg 6060
228 ctctgtgtcc gttgagctcg acgacacagg acacgcaaat taattaaggc cggcccgtac 6120
229 cctctagtca aggccttaag tgagtcgtat tacggactgg ccgtcgtttt acaacgtcgt 6180
230 gactgggaaa accctggcgt tacccaactt aatcgccttg cagcacatcc cccttcgcc 6240
231 agctggcgta atagcgaaga ggcccgcacc gatcgccctt cccaacagtt gcgcagcctg 6300
232 aatggcgaat ggcgcttcgc ttggtaataa agcccgcttc ggcgggcttt ttttt 6355
234 <210> SEQ ID NO: 3
235 <211> LENGTH: 26
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Phage vector
242 <400> SEQUENCE: 3
243 tgtgctcctc tttggcttgc ttccaa 26
245 <210> SEQ ID NO: 4
246 <211> LENGTH: 26
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Phage vector
253 <400> SEQUENCE: 4
254 ttggaagcaa gccaaagagg agcaca 26
256 <210> SEQ ID NO: 5
257 <211> LENGTH: 25
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Phage vector
264 <400> SEQUENCE: 5
265 ctggttcttg tctggcttgg cccaa 25
267 <210> SEQ ID NO: 6
268 <211> LENGTH: 25
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY DATE: 10/09/2001
PATENT APPLICATION: **US/09/816,790** TIME: 14:33:30

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\10092001\I816790.raw**